



STATE OF NEW HAMPSHIRE DEPARTMENT OF SAFETY
Robert L. Quinn, Commissioner

Division of Fire Safety
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State of New Hampshire List of Adopted Building and Fire Codes

All Occupancies:

- 2015 NFPA 1, Fire Code as amended by Saf-C 6000
- 2015 NFPA 101, Life Safety Code as amended by Saf-C 6000 and applicable referenced publications in Chapter 2
- 2013 NFPA 13, Standard for the Installation of Sprinkler Systems
- 2013 NFPA 13R, Standard for the Installation of Sprinkler Systems for Low-Rise Residential Occupancies
- 2014 NFPA 25, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems
- 2015 NFPA 30, Flammable and Combustible Liquids Code
- 2015 NFPA 30A, Code for Motor Fuel Dispensing Facilities and Repair Garages as amended by Saf-C 6000
- 2011 NFPA 31, Standard for Installation of Oil-Burning Equipment
- 2015 NFPA 54, National Fuel Gas Code as amended by Saf-C 6000
- 2015 NFPA 58, Liquefied Petroleum Gas Code as amended by Saf-C 6000
- 2017 NFPA 70, National Electrical Code (NEC) with NH Amendments
- 2013 NFPA 72, National Fire Alarm and Signaling Code
- 2014 NFPA 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations
- 2013 NFPA 211, Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances
- 2015 NFPA 720, Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment as amended by Saf-C 6000
- 2010 NFPA 914, Code for Fire Protection of Historic Structures
- 2015 International Building Code (IBC) with NH Amendments
- 2015 International Residential Building Code (IRC) with NH Amendments
- 2015 International Energy Conservation Code (IEC) with NH Amendments
- 2015 International Existing Building Codes (IEBC) with NH Amendments
- 2015 International Mechanical Code (IMC) with NH Amendments
- 2015 International Plumbing Code (IPC) with NH Amendments
- 2015 International Swimming Pool & Spa Code (ISPSC) with NH Amendments
- Accessibility – 2015 IBC Chapters 11 and 34 with NH Amendments
- 2003 ANSI A117.1 and FHA/UFAS as applicable

Reference:

RSA 153:1 VI-a. "New Hampshire fire code" or "state fire code" means the adoption by reference of the Life Safety Code 2015 edition and the Uniform Fire Code NFPA 1, 2015 edition, as published by the National Fire Protection Association and as amended by the state board of fire control and ratified by the general court pursuant to RSA 153:5. The provisions of any other national code, model code, or standard referred to within a code listed in this definition shall be included in the state fire code unless amended in accordance with RSA 153:5.

<http://www.gencourt.state.nh.us/rsa/html/XII/153/153-1.htm>

****2015 edition of NFPA 1 effective September 8, 2019**

Saf-C 6001.13 "State Fire Code" means the compilation of all rules inclusive in Saf-C 6000.

http://www.gencourt.state.nh.us/rules/state_agencies/saf-c6000.html

Board of Fire Control Amendments

<https://www.nh.gov/safety/divisions/firesafety/boardscomm/firecontrol/exhibits.html>

RSA 155-A:1 IV. "New Hampshire building code" or "state building code" means the adoption by reference of the International Building Code 2015, the International Existing Building Code 2015, the International Plumbing Code 2015, the International Mechanical Code 2015, the International Energy Conservation Code 2015, the International Swimming Pool and Spa Code 2015, and the International Residential Code 2015, as published by the International Code Council, and the National Electrical Code 2017, as amended by the state building code review board and ratified by the legislature in accordance with RSA 155-A:10. The provisions of any other national code or model code referred to within a code listed in this definition shall not be included in the state building code unless specifically included in the codes listed in this definition.

<http://www.gencourt.state.nh.us/rsa/html/XII/155-A/155-A-1.htm>

****2015 editions of ICC codes effective September 15, 2019**

Building Code Review Board Amendments

<https://www.nh.gov/safety/boardsandcommissions/bldgcode/bldgexhibits.html>

Electrician's Board

<https://www.oplc.nh.gov/electricians/index.htm>

Mechanical Board

https://www.nh.gov/safety/divisions/firesafety/building/mechanical/mechanical_inspectors.html

Class 6 & Private Road Code Rationale

Effective September 8, 2019, NH legislature adopted the 2015 Edition of NFPA 1 Fire Code as amended by Saf-C 6000.

2015 NFPA 1 Handbook Chapter 18 Fire Department Access and Water Supply. (Pg. 537)

18.1. General (Pg. 537)

18.1.1 Application. (Pg. 537)

18.1.1.1 This chapter shall apply to public and privately owned fire apparatus access roads. (Pg. 537)

18.2.3 Fire Department Access Roads. (Pg. 538)

18.2.3.1 Required Access. (Pg. 538)

18.2.3.1.1 Approved fire department access roads shall be provided for every facility, building, or portion of a building here after constructed or relocated. (Pg. 538)

18.2.3.1.1 A To provide effective manual fire suppression operations, the fire department must be able to gain reasonable access to a building. Paragraph 18.2.3.1.1 addresses this need by requiring fire department access roads to all new facilities and buildings. A fire department access road, such as the one shown in Exhibit 18.3 (Pg. 539) can be a public or private roadway that meets the requirements of 18.2.3 and is not mandated and is not mandated to be marked as a fire department access unless so required by the authority having jurisdiction(AHJ).

Note that 18.2.3.1.1 requires fire department access only for newly constructed or relocated buildings and facilities. The Code does not require the modification of previously approved access to existing buildings to meet the current Code requirements 18.2.3.1.1. Maintaining existing access is addressed in 18.2.4.

Buildings under construction are addressed in 16.1.4 which requires that a fire lane be provided and maintained during building construction. (Pg. 538/539)

18.2.3.1.2 Fire department access Roads shall consist of roadways, fire lanes, parking lot lanes, or a combination thereof. (Pg. 539)

18.2.3.1.2 Explanation. Fire lanes are considered fire apparatus access roads, which are required to be marked in accordance with 18.2.3.5 where required by the AHJ. The term “fire lane” is defined in 3.3.122 as a fire department access road, which is marked with approved signs or other approved notices. (Pg.539)

18.2.3.1.3 The provisions of 18.2.3.1 through 18.2.3.2.2.1 shall be permitted to be modified by the AHJ where any of the following exist.

1. One and two family dwellings protected by an automatic sprinkler system in accordance with section 13.1 (NH Exempt)
2. Existing 1 and 2 family dwellings.
3. Private garages having an area not exceeding 400 sq. ft.
4. Carports having an area not exceeding 400 sq. ft.
5. Agricultural buildings having an area not exceeding 400 sq. ft.
6. Sheds and other detached buildings having an area not exceeding 400 sq. ft.

(Pg.539)

A.18.2.3.1.3 The intent of 18.2.3.1.3 is not to require fire department access roads to detached gazebos and ramadas ,independent buildings associated with golf courses, parks, and similar uses such as restrooms or snack shops that are 400 sq. ft. or less in area, and detached equipment or storage buildings for commercial use that are 400 sq. ft. or less in area. (Pg. 539)

18.2.3.1.4 When fire department access roads cannot be installed due to location on property, topography, waterways, nonnegotiable grades, or other similar conditions, the AHJ shall be authorized to require additional fire protection features. (Pg.539)

18.2.3.2 Access to Building (Pg.539)

18.2.3.2.1 A fire department access road shall extend to within 50 feet of at least one exterior door that can be opened from the outside and that provides access to the interior of the building. (Pg.539)

18.2.3.2.1.1 Where a one or two family dwelling, or townhouse, is protected with an approved automatic sprinkler system that is installed in accordance with NFPA 13D or NFPA 13R as applicable, the distance in 18.2.3.2.1 shall be permitted to be increased to 150 ft. (Pg. 539)

18.2.3.4 Specifications (Pg.540)

18.2.3.4.1 Dimensions (Pg.540)

18.2.3.4.1.1 Fire department access roads shall have an unobstructed width of not less than 20 feet. (Pg.540)

18.2.3.4.1.1 Explanation The minimum 20 foot width required by 18.2.3.4.1.1 allows for two way vehicular traffic and for one fire apparatus vehicle to pass while another is working at a fire hydrant or conducting aerial operations. (Pg.540)

18.2.3.4.1.2 Fire department access roads shall have an unobstructed vertical clearance of not less than 13 feet 6 inches. (Pg.540)

18.2.3.4.2 Surface. Fire department access roads shall be designed and maintained to support the imposing loads of fire apparatus and shall be provided with an all weather driving surface. (Pg. 541)

18.2.3.4.3 Turning Radius

18.2.3.4.3.1 The turning radius for a fire department access shall be approved by the AHJ. (Pg.541)

18.2.3.4.3.2 Turns in fire department access roads shall maintain the minimum road width.

18.2.3.4.4 Dead ends- Dead-end fire department access roads in excess of 150 feet in length shall be provided with approved provisions for the fire apparatus to turn around. (Pg.541)

18.2.3.4.6 Grade

18.2.3.4.6.1. The gradient for a fire department access road shall not exceed the maximum approved (Pg.542)

18.2.3.4.6.2 The angle of approach and departure for any means of fire department access road shall not exceed 1 foot drop in 20 feet, or the design limitations of the fire apparatus of the fire department and shall be subject to approval by the AHJ. (Pg. 542)